

Understanding Inequalities

Give 3 values that solve the inequality for Exercises 1 through 16.

1. $x > 0$

2. $y > 5$

3. $z \leq 10$

4. $z < 3$

5. $x > 4$

6. $x < 4$

7. $x > 170$

8. $x > 1$

9. $x < 9$

10. $x < 6$

11. $y > 2$

12. $y \geq 100$

13. $z < 8$

14. $x \geq 77$

15. $u > 10.9$

16. $u \leq 13.99$

17. Draw the inequality $x < 7$ on a number line.

18. Draw the inequality $x \geq 7$ on a number line.

19. Which is NOT a solution to $x > 18$?

A 18**B** 18.000001**C** 19**D** 30

20. **Writing to Explain** Is 0 a solution to $x > 0$? Why or why not?
